

# CERTIFICATE

Issued to:  
Applicant:  
**Tyco Electronics Austria GmbH**  
**Schrackstrasse 1**  
**3830 Waidhofen, Austria**

Licensee:  
**Tyco Electronics Austria GmbH**  
**Schrackstrasse 1**  
**3830 Waidhofen, Austria**

Product : Connectors for DC-application in photovoltaic systems  
Trade name(s) : Solarlok 2.0 or TE Connectivity  
Type(s)/model(s) : SLK-ID-a-BL-XX

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) IEC 62852:2014, IEC 62852:2014/A1:2020, EN 62852:2015 and EN 62852:2015/A1:2020
- an inspection of the factory location according to CENELEC Operational Document OIG 021
- a DEKRA certification agreement with the number 6059800

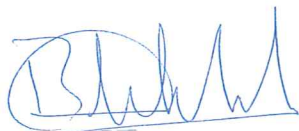
DEKRA hereby grants the right to use the DEKRA Seal certification mark.

The DEKRA Seal certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the DEKRA Seal certification agreement.

This certificate is issued on 29 September 2021 and expires at the latest on 28 September 2026.

Certificate number: 31-120786

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Connectors for DC-application in photovoltaic systems
Trade name(s)	: Solarlok 2.0 or TE Connectivity
Type(s)/model(s)	: SLK-ID-a-BL-XX
Rated Voltage	: 1500 Vdc
Rated Current	: 25 A for 2,5 mm <sup>2</sup> 30 A for 4,0 mm <sup>2</sup> 35 A for 6,0 mm <sup>2</sup>
Ambient Temperature	: -40 °C to +85 °C
Upper Limit Temperature	: +105°C
Cross Section Range	: 1 x 2,5 mm <sup>2</sup> ; 1 x 4,0 mm <sup>2</sup> ; 1 x 6,0 mm <sup>2</sup>
Protection Degree	: IP 65, IP 66, IP 67 and IP 68(24 h, 1 m)
Application Class	: Class A

**TESTS****Test requirements**

IEC 62852:2014  
IEC 62852:2014/A1:2020  
EN 62852:2015  
EN 62852:2015/A1:2020

**Test result**

The test results are laid down in DEKRA test file 611192700.

**Additional information**

Type(s)model(s) description:  
SLK-zz-a-BL-XX

zz:

- ID = IDC both sides

a:

- 1 per package

- 5 per package

- 9 per package

BL:

- BL = Black

XX:

- XX = No fuse or Diode

The list of components is laid down in test report 6111927.50.


**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Tyco Electronics EC Trutnov s.r.o.  
Komenskeho 821  
541 83 Trutnov, Czech Republic

Trade name(s): Solarlok 2.0 stands for 

TE Connectivity stands for 

Unique Identifier



